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# PATENT ABSTRACTS OF JAPAN

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(71)Applicant : SEIKO EPSON CORP

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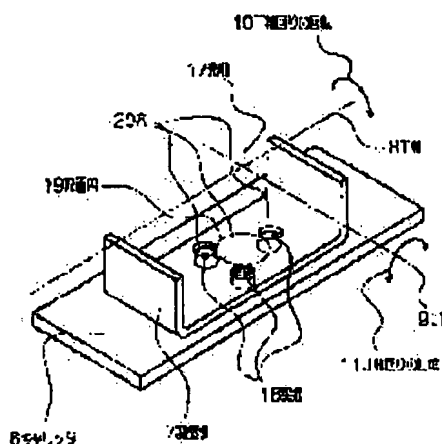
(72)Inventor : MAKIGAKI TOMOHIRO

## (54) ADJUSTING DEVICE FOR ANGLE OF OPTICAL AXIS

### (57)Abstract:

**PURPOSE:** To provide an adjusting mechanism of high precision and high quality for adjusting the angle of optical axis of a thin optical pickup.

**CONSTITUTION:** In order to adjust the tilt of the optical axis of an optical pickup 5, this adjusting mechanism for the angle of optical axis is provided with a sliding surface composed of three protrusions on one of a carriage or an adjusting plate 7, the protrusions 18 are fitted with holes or notches penetrated on the other side of the carriage or the adjusting plate 7 and the adjusting plate 7 is slid on the contact point of the end surface of the hole or the notch with the sliding surface. By selecting the tilt so that the normal to the sliding surface of the protrusion 18 has an intersecting point in the vicinity of a spot, the adjusting mechanism of high precision is realized. The adjusting mechanism for the angle of optical axis easy to be manufactured, of high precision and high quality and having stable operation is realized.



## LEGAL STATUS

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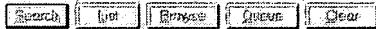
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